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## NEW SPECIES AND SUBSPECIES OF *CAPRIMIMA* (*LITHOSIINAE*, LEPIDOPTERA).

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### 1. *Caprimima shawmayeri* sp. nov.

♂. Nearest to *C. obliqua* Roths. 1901, but the outer  $\frac{3}{8}$  of forewings deep shining blue instead of rufous chocolate. Legs, tibiae white, tarsi black with one white band; pectus black; head and thorax black, tegulae white, abdomen black, anal tuft greyish white. Forewing base black, basal  $\frac{1}{3}$  white, obliquely dentate distally, outer  $\frac{2}{3}$  deep shining blue. Hindwing apical  $\frac{1}{3}$ , abdominal margin and tornal margin black, rest of wing white.

Length of forewing: 12 mm. Expanse: 27 mm.

*Hab.* Zagecheme, Cromwell Mts., 4,000 ft., East Finisterre Range, 20 June, 20 July 1931 (F. Shaw Mayer coll.), 2 ♂♂.

### 2. *Caprimima albicollis reducta* subsp. nov.

♂♀. Differs from *C. albicollis mendax* Roths. 1901 in the white patches on both wings being much reduced and in the ♂ having those on hindwings opaque, not semivitreous.

*Hab.* New Ireland, December 1923 (A. F. Eichhorn coll.), 1 ♂, 8 ♀♀.

### 3. *Caprimima coeruleomarginata insularis* subsp. nov.

♀. Differs from *C. c. coeruleomarginata* Rothsch. 1912 in having the outer black margin of the white band on the forewing much broader.

*Hab.* Goodenough Island, 2,500–4,000 ft., Aug. 1913 (A. S. Meek coll.), 4 ♀♀.

### 4. *Caprimima punctata* sp. nov.

♂♀. Pectus black; legs white, black bands on tarsi; head and thorax black, patagia partly golden yellow; abdomen black, anal tuft whitish grey. Forewing basal  $\frac{2}{5}$  black with the greater part occupied by a large golden-yellow patch, outer  $\frac{3}{5}$  brownish rufous, costa and termen black. Hindwing black, a golden-yellow spot in cell.

Length of forewing: ♂ 11 mm., ♀ 13–14 mm. Expanse: ♂ 24 mm., ♀ 28–30 mm.

*Hab.* Upper Setekwa River, Snow Mts., Dutch New Guinea, 2,000–3,000 ft., Aug. 1910 (A. S. Meek coll.), 1 ♂, 3 ♀♀ (♂ type); nr. Octakwa R., Snow

Mts., Dutch N. Guinea, 3,500 ft., Oct.-Dec. 1910 (A. S. Meek coll.), 2 ♀♀; Mt. Goliath, Centr. Dutch N. Guinea, 5,000 ft., March 1911 (A. S. Meek coll.), 2 ♀♀.

#### 5. *Caprimima simillima* sp. nov.

♂♀. Differs from *C. punctata* sp. nov. in its much smaller size, in the whole of the tegulae being golden yellow, and in the black outer area of hindwing having a purplish rufous chocolate apical patch.

Length of forewing: ♂ 9 mm., ♀ 10 mm. Expanse: ♂ 20 mm., ♀ 22 mm.

*Hab.* Upper Setekwa R., Snow Mts., Dutch N. Guinea, 2,000-3,000 ft., Sept. 1910 (A. S. Meek coll.), 2 ♂♂, 2 ♀♀; mts. inland from Huon Gulf, N.E. New Guinea (Ch. Keysser coll.).

#### 6. *Caprima peculiaris* sp. nov.

♂. Pectus and underside of body black; palpi chocolate brown; legs brown, underside of tibiae and coxae white, tarsi white ringed with brown. Head black, tegulae golden-yellow, thorax and abdomen black, anal tuft greyish. Forewing above, basal  $\frac{2}{3}$  black with very large golden-yellow patch, outer  $\frac{1}{4}$  black with large rusty rufous-brown apical patch. Hindwing above golden-yellow, base and anal and tornal margins black, outer  $\frac{1}{4}$  of wing black from vein 2 to apex. Underside of forewing has between the large golden patch and the apical brown patch a large area of paler yellow in which some of the scales are turned up, showing dark underneath.

♀ differs from ♂ in the restriction of the black on the forewing to outer margins and a black central band or line in the centre of the wing, and the brown apical patch is extended to tornus and is paler, while the golden-yellow is paler and more extended. Hindwing entirely black, with yellow median wedged patch from costa to vein 3.

Length of forewing: ♂ 14 mm., ♀ 15 mm. Expanse: ♂ 31 mm., ♀ 33 mm.

*Hab.* New Ireland, Jan. 1924 (A. F. Eichhorn coll.), 1 ♂, 5 ♀♀ (♂ type).

#### 7. *Caprimima peculiaris flavidior* subsp. nov.

♀. Differs above from *C. peculiaris peculiaris* in the whole forewing being golden-yellow, the costal and terminal margins bordered with black, base and apex also black, a small reddish chocolate spot in the latter. The hindwing differs in the basal  $\frac{2}{3}$  being golden-yellow, the abdominal margin and outer  $\frac{1}{4}$  black, tapering from apex to tornus.

*Hab.* Talesea, New Britain, March-April 1925 (A. F. Eichhorn coll.), 2 ♀♀.

#### 8. *Caprimima pseudaffinis* sp. nov.

♂♀. Differs from *C. peraffinis* Rothsch. 1912 in the much broader postmedian black band and inner black margin of the forewing and the narrower white patch of the hindwing; and from *C. postexpansa* Rothsch. 1912 in the much broader black postmedian band of the forewing and in outer half of the inner margin of the forewing being margined with black.

*Hab.* Biagi, Mambare R., 5,000 ft., British New Guinea, March 1906 (A. S. Meek coll.), 2 ♀♀, type; Hydrographer Mts., British New Guinea, 2,500 ft., March 1918 (Eichhorn Bros. coll.), 1 ♀.